

इंटरनेट

मानक

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Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

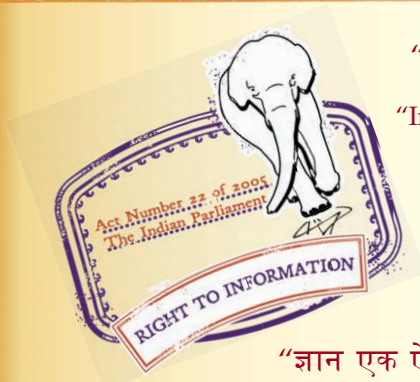
“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 8837 (1978): Suction Tubes with Stylet Microlaryngeal Surgery [MHD 4: Ear, Nose and Throat Surgery Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”

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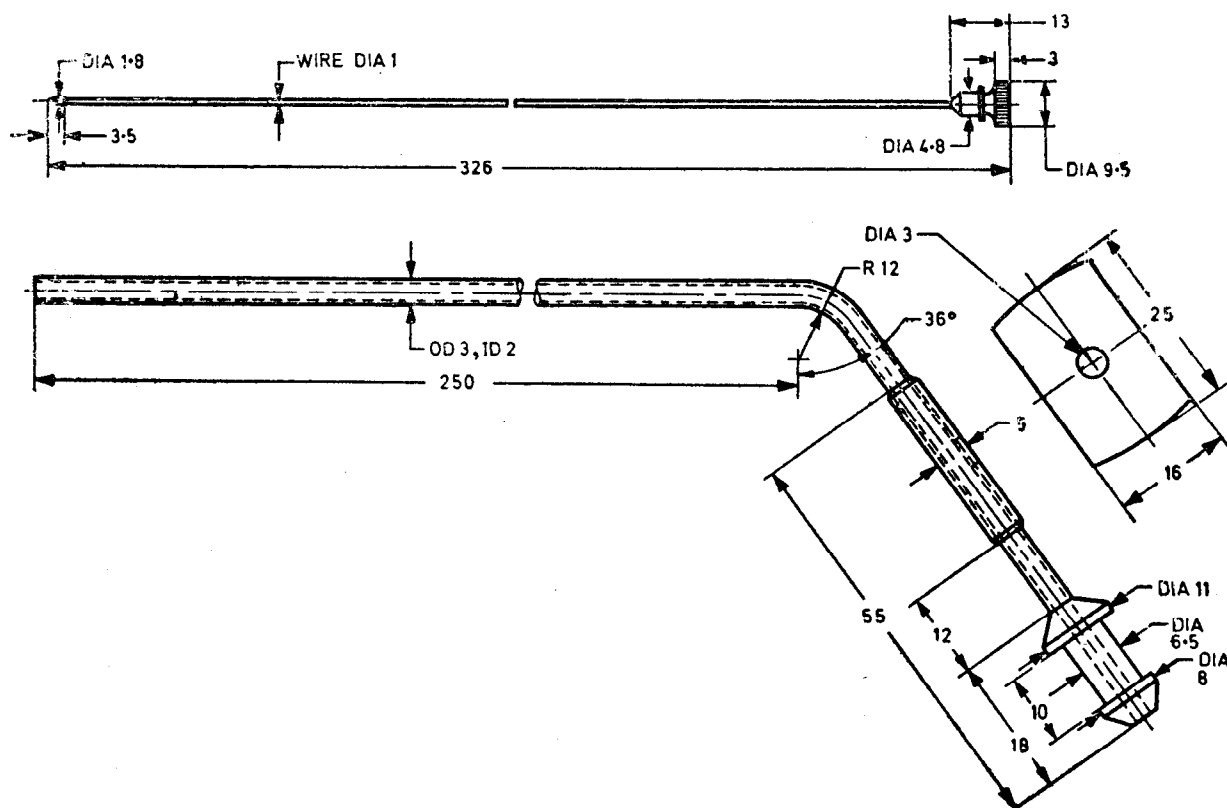


Indian Standard

SPECIFICATION FOR SUCTION TUBES WITH STYLET MICROLARYNGEAL SURGERY

1. Scope — Covers dimensional and other requirements for suction tube with stylet used in microlaryngeal ENT surgery.

2. Shape and Dimensions — As shown in Fig. 1.



All dimensions in millimetres.

FIG. 1 SUCTION TUBE WITH STYLET MICROLARYNGEAL SURGERY

2.1 A deviation of ± 2.5 percent shall be allowed on all dimensions.

2.2 A deviation of $\pm 2.5^\circ$ shall be allowed on all angles.

3. Material — Stainless steel conforming to Designation 04Cr18Ni10 or 07Cr18Ni19 of Schedule V of IS : 1570 (Part V)-1972 'Schedules for wrought steels: Part V Stainless and heat resisting steels (first revision)' or brass conforming to Designation CuZn37 or CuZn40 of IS : 410-1967 'Specification for rolled brass plate, sheet, strip and foil (second revision)'.

4. Workmanship and Finish

4.1 The suction tube shall be free from scales, pits, burrs, cracks and other surface defects.

4.2 The suction tube shall be well formed.

4.3 Welding, soldering or brazing shall be neat and sound.

4.4 The suction tube shall be dull matt finished and passivated.

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Price Rs 5.00

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4.5 The suction tube shall be accompanied with the proper stylet.

4.6 The suction tube if made of brass shall be plated nickel and chromium conforming to Grade 2 of IS : 4827-1968 'Specification for electroplated coatings of nickel and chromium on copper and copper alloys'.

5. Test

5.1 The suction tube if made of stainless steel shall be tested as given in 5.1.1.

5.1.1 Corrosion resistance — Scrub the sample with soap and warm water. Rinse in hot water and then dip in 90 percent ethyl alcohol. Dry the sample. Immerse in copper sulphate solution at room temperature for 5 minutes and wash off with fresh water or wet cotton wool.

5.1.2 The copper sulphate solution shall be prepared as follows:

Copper sulphate ($\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$)	4.0 g
Sulphuric acid (H_2SO_4) (sp gr 1.84)	10.0 g
Distilled water [see IS : 1070-1977 Specification for water for general laboratory use (<i>second revision</i>)]	90.0 ml

5.1.3 No red stains or spots in the sample shall be allowed.

6. Marking — Each suction tube shall be marked with manufacturer's name, initials or recognized trade-mark, size, country of manufacture and the words 'SS' if made of stainless steel.

6.1 ISI Certification Marking — Details available with the Indian Standards Institution.

7. Packing — Each suction tube shall be wrapped in a moisture-proof paper and put in a cardboard or polyethylene bag. The packing may also be done as agreed to between the purchaser and the supplier.